

Title (en)

VARIABLE IMAGE DISPLAY MEDIUM AND METHOD FOR FORMING LENTICULAR IMAGE

Title (de)

VARIABLES BILDANZEIGEMEDIUM UND VERFAHREN ZUR HERSTELLUNG EINES LINSENFÖRMIGEN BILDES

Title (fr)

SUPPORT D'AFFICHAGE D'IMAGE VARIABLE ET PROCÉDÉ DE FORMATION D'IMAGE LENTICULAIRE

Publication

EP 3522142 A4 20200108 (EN)

Application

EP 18841781 A 20180129

Priority

- JP 2017149497 A 20170801
- JP 2018002706 W 20180129

Abstract (en)

[origin: EP3522142A1] A variable image display body and a lenticular image formation method that are capable of displaying a variable image without incongruity are provided. In a variable image display body 100 including a lenticular sheet 10 having a plurality of cylindrical lenses arranged in a first direction and lenticular images 20 arranged on a surface on the opposite side to the surface of the cylindrical lenses, the lenticular images 20 are composed of arranged image strips obtained by scaling a plurality of images so that subject images appearing in the respective images have the same size, subjecting the scaled images to position adjustment so that reference portions of the subject images in the scaled images are located at the same position and superimposing the scaled images, and in the superimposed state, trimming a region in which a predetermined number of the scaled images are overlapped and the subject images are included, and extracting image strips in the form of lines from each of the trimmed images.

IPC 8 full level

G09F 19/12 (2006.01); **G02B 3/00** (2006.01); **G02B 3/06** (2006.01); **G09F 19/14** (2006.01)

CPC (source: EP US)

G02B 3/005 (2013.01 - EP US); **G02B 3/06** (2013.01 - US); **G06T 3/20** (2013.01 - US); **G06T 3/40** (2013.01 - US); **G09F 19/14** (2013.01 - EP)

Citation (search report)

- [X] US 2003103061 A1 20030605 - BLISH NELSON A [US], et al
- [A] US 5720123 A 19980224 - TAYLOR ROY Y [US]
- [A] US 5695346 A 19971209 - SEKIGUCHI YOSHI [US], et al
- See references of WO 2019026312A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3522142 A1 20190807; **EP 3522142 A4 20200108**; **EP 3522142 B1 20210630**; CN 110892472 A 20200317; JP 2019028350 A 20190221; JP 6261063 B1 20180117; US 11004174 B2 20210511; US 2020065938 A1 20200227; WO 2019026312 A1 20190207

DOCDB simple family (application)

EP 18841781 A 20180129; CN 201880000423 A 20180129; JP 2017149497 A 20170801; JP 2018002706 W 20180129; US 201816348778 A 20180129